



999.00 EUR

incl. 19% VAT, plus shipping

The JETWAY JNU792 Series adopts the Intel® Skylake/Kabylake U-series SoC processor. The system has two 260-pin Dual-channel DDR4 2133MHz SODIMM up to 32 GB memory. JNU792C equipped with HDMI/DP (max 4Kx2K @60Hz resolution) for digital signage and JNU792V equipped with HDMI/VGA for IoT applications. Intel® Skylake/Kabylake U-series processor support AES NI which is a new hardware encryption instructions to improves on the AES algorithm and accelerates the encryption of data. NU792 also support TPM feature to secure customers' data.

In addition, it offers up to 11 * USB3.0/2.0 ports which can connect different peripherals, e.g. camera and sensor. It is flexible expansion via two Mini PCIe slots, SIM card holder, and one RS232/422/485 port. An internal Mini-SATA slot and SATA III connector provide storage selection. In addition, JNU792 board size is 117*112mm and equipped U-series CPU. It provides small size board with powerful performance.

- Intel® Skylake/Kabylake U-series Processor (TDP 15W)
- 2 * 260-pin Dual-channel DDR4 2133MHz SODIMM Up to 32 GB
- 2 * 10/100/1000 Base-TX Ethernet Ports
- Support Intel AES NI and TPM (option) to secure customers data

- 8 * Ext USB3.0/2.0, Line-In/Line-Out/MIC, 1 * HDMI, 1 * DP or VGA
- 2* Mini PCIe Slots (1* full size & 1* half size), 1 * SIM card holder

Model		JNU792C2S-7100U	JNU792V2S-3865U
Model		– JNU792C2S-7100U	– JNU792V2S-3865U
Part Number		– JNU792C2S-7100U	– JNU792V2S-3865U
Form Factor			
Dimensions		– uTX (4.6-in * 4.4-in, 117 * 112mm)	
Processor System			
CPU		– Intel® Kabylake i3-7100U Processor	– Intel® Kabylake Celeron 3865U Processor
Core Number		– Dual Core	– Dual Core
Max Speed		– 2.4GHz	– 1.8GHz
Smart Cache		– 3MB	– 2MB
Chipset		– SoC	
BIOS		– AMI Flash ROM	
Expansion Slot			
Mini-Pcie		– 1 (full size, shared) & 1 (half size)	
mSATA		– 1 (shared)	
PCIe		– 0	
M.2		– 0	

SIM Card Holder	- 1
Memory	
Technology	- DDR4 2133MHz dual channels SDRAM
Max.	- 32GB
Socket	- 2 * SO-DIMM
Graphics	
Controller	- Intel® HD Graphics
VRAM	- Shared Memory
VGA	- 0 - 1
LVDS	- 0
eDP 1.3	- 0
HDMI 1.4	- 1 (max. 4096 x 2304@24Hz resolution)
DisplayPort	- 1 (max. 4096 x 2304@60Hz resolution) - 0
MultiDisplay	- Dual Display
Ethernet	
Ethernet	- 10/100/1000 Mbps
Controller	- 2 * Intel Gigabit LAN (1 * i211AT & 1 * i219LM)
Connector	- 2 * RJ 45

Audio

CODEC – HD Audio : Realtek ALC662VD

Channel – 2 Channels

SATA

Max Data Transfer Rate – 1 * SATAIII (6.0Gb/s) & 1 * mSATA

External I/O

VGA – 0 – 1

HDMI – 1

DisplayPort – 1 – 0

Ethernet – 2

USB – 6 * USB 3.0 & 2 * USB 1.1/2.0 – 4 * USB 3.0 & 4 * USB 1.1/2.0

Audio – 1 (Line-Out/MIC) & 1 (Line-In)

Serial – 1 (RS232/422/485) – 0

DC-input – 1

Internal Connector

USB – 3 * USB 2.0 – 1 * USB 2.0

HDMI – 0

LVDS / inverter – 0

eDP	- 0
VGA	- 0
Serial	- 0
SATA	- 1 * SATAIII (6.0Gb/s)
mPCIe	- 1 (full size, shared) & 1 (half size)
mSATA	- 1 (full size, shared)
M.2	- 0
GPIO	- 1 (8 bit)
Chassis intrusion	- 1
Audio Header	- 1 (3W audio amplified output)
SMBUS/ I2C	- 0
AT mode	- 1
TPM	- TPM2.0 on board
Others	- 0

Watchdog Timer

Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments (10sec ~ 255min)

Power Requirements

Input PWR	– 12V DC IN
Power On	AT/ATX Supported – AT : Directly PWR on as Power input ready – ATX: Press Button to PWR on after Power input ready
Certifications	
Certifications	– CE, FCC, RoHS, REACH
Environment	
Temperature	– Operating: 0°C ~ 60°C
	– Storage: -20°C ~ 85°C
Warranty	
Warranty	– 2 Years Limited Warranty